

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A method for processing macros of varying grammatical invocation by a pre-processor, said method comprising:

receiving an identifier token from source code;

in response to said received identifier token matching a macro identifier stored in a symbol table;

replacing said identifier token with a macro form token corresponding to said identifier token from said symbol table;

sending said macro form token to a glue routine;

invoking a macro invocation parser by said glue routine;

transferring tokens to said macro invocation parser via said glue routine until a completion of said macro invocation; and

sending a macro body definition of said macro to a lexer by said macro invocation parser.

2. (original) The method of Claim 1, wherein said receiving step is performed by a lexer.
3. (original) The method of Claim 1, wherein said replacing step is performed by a lexer.
4. (original) The method of Claim 1, wherein said sending step is performed by a lexer.

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5. (original) The method of Claim 1, wherein said transferring step further includes transferring tokens from a lexer to said macro invocation parser.

6. (currently amended) A computer program product residing on a computer usable medium for processing macros of varying grammatical invocation by a pre-processor, said computer program product comprising:

program code means for receiving an identifier token from source code;

in response to said received identifier token matching a macro identifier stored in a symbol table;

program code means for replacing said identifier token with a macro form token corresponding to said identifier token from said symbol table;

program code means for sending said macro form token to a glue routine;

program code means for invoking a macro invocation parser by said glue routine;

program code means for transferring tokens to said macro invocation parser via said glue routine until a completion of said macro invocation; and

program code means for sending a macro body definition of said macro to a lexer by said macro invocation parser.

7. (original) The computer program product of Claim 6, wherein said program code means for receiving is a lexer.

8. (original) The computer program product of Claim 6, wherein said program code means for replacing is a lexer.

9. (original) The computer program product of Claim 6, wherein said program code means for sending is a lexer.

10. (original) The computer program product of Claim 6, wherein said program code means for transferring further includes computer code means for transferring tokens from a lexer to said macro invocation parser.

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